

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/Mar/2018 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	147.269	3550.733	1) Gujrat	-1.226	-20.801
2) Hydro	13.511	346.287	2) Madhya Pradesh	18.788	488.506
3) Gas	7.534	191.939	3) Chattisgarh	6.480	156.060
Total MSPGCL	168.314	4088.959	4) Maharashtra Net	111.488	2830.114
B) 1) APML	31.306	1091.310	5) Goa (Amona)	-0.550	-16.808
2) JSWEL	17.253	467.280	Total	134.980	3437.071
3) VIPL	12.444	253.834	a) Mumbai Schedule	18.951	543.718
4) RPL(AMT)	19.922	417.161	b) Mumbai Drawl	18.654	594.614
5) WPCL	3.025	99.048	c) MSEDCL Bilateral *	29.049	905.214
6) PGPL	0.000	0.000	Include PX	0.663	188.566
7) Other IPP	14.217	308.009	d) Mumbai Bilateral *	18.951	543.718
C) 1) TPCL Thermal	16.349	388.732	Include PX	0.832	118.324
2) TPCL Hydro	1.385	98.985	Include Standby	0.000	0.000
3) TPCL Gas	4.440	96.077	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.841	275.979	1) MSEDCL	398.319	9832.825
D) STATE			2) Mumbai Discoms	52.669	1454.404
1) Thermal	273.626	6852.086	TOTAL STATE	450.988	11287.229
(A1+C1+C4+(B1-B6))					
2) Hydro	14.896	445.272			
(A2+C2)					
3) Gas	11.974	288.016			
(A3+B6+C3)					
4) Wind	11.921	178.740			
6) SOLAR	3.591	86.027			
TOTAL STATE	316.008	7850.141			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6111	6122	6053	6082
MSPGCL Hydro	1132	1505	516	206
MSPGCL Gas	261	258	278	431
MSPGCL Total Generation	7504	7885	6847	6719
Central Sector Receipt	6031	6295	5234	5243
WIND	576	159	245	589
CPP / IPP Thermal	4088	4074	4116	3994
CPP / IPP Gas	0	0	0	0
SOLAR	489	330	0	0
Exchange with Mumbai	-839	-865	-855	-658
MSEDCL DEMAND MET	17849	17878	15587	15887
Load Shedding	0	0	0	0
MSEDCL DEMAND	17849	17878	15587	15887
TPCL GENERATION	982	974	1030	701
R-INFRA GENERATION	501	498	502	502
MUMBAI DEMAND	2322	2337	2387	1861
STATE DEMAND MET	20171	20215	17974	17748
STATE DEMAND	20171	20215	17974	17748
Frequency (Hz)	49.99	49.99	49.96	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 12.01 Hrs	49.81 Hz at 00.09 Hrs	49.98	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 25/Mar/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	9.55	232.28	403	384
Unit 9	9.68	249.84	411	400
Unit 10	9.64	299.75	420	400
Total	28.88	781.87		
Bhusawal				
Unit 3	4.63	48.40	200	185
Unit 4	10.79	282.41	465	440
Unit 5	11.14	285.96	485	435
Total	26.56	616.78		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.60	127.29	250	204
Unit 7	5.79	117.22	248	205
Unit 8	5.36	135.23	237	207
Total	16.75	379.74		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	8.56	264.08	455	335
Unit 6	0.00	0.00	0	0
Unit 7	0.00	50.03	0	0
Unit 8	9.52	218.44	440	370
Unit 9	9.74	279.45	454	393
Total	27.82	812.01		
Paras				
Unit 3	6.00	124.64	254	234
Unit 4	6.01	146.18	252	250
Total	12.02	270.82		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	4.75	50.18	205	190
Unit 3	4.94	77.62	210	190
Unit 4	4.91	103.11	210	185
Unit 5	12.08	259.36	505	500
Total	26.68	490.28		
Nasik				
Unit 3	0.00	3.83	0	0
Unit 4	4.15	102.67	177	160
Unit 5	4.42	92.74	191	170
Total	8.57	199.23		
Uran				
All Units	7.53	191.94	431	257
Total	7.53	191.94		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.00	0.82	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.82		
Koyna				
Stage 1-2	3.08	86.68	440	40
Stage 4	4.02	119.63	993	0
Stage 3	1.88	44.56	160	0
Total	8.98	250.87		
Hydro				
KDPH	0.80	12.48	36	18
VTRNA	1.01	29.03	61	0
TILLARI	0.42	5.87	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	4.86	80	0
RNGR+BHTSA	0.33	7.66	14	13
BHANDARDRA	0.47	9.66	20	19
ELDARY	0.15	1.40	8	0
SMLHY_PTN	0.59	17.11	25	24
GHATGHAR	0.61	7.35	125	0
Total	4.53	95.41		
Wind				
Total	11.92	178.74	0	0
Total	11.92	178.74		
CPP				
APML(Mus)	31.31	1091.31	0	0
JSWEL(Mus)	17.25	467.28	0	0
VIPL(Mus)	12.44	253.83	0	0
RPLAMT(Mus)	19.92	417.16	0	0
WPCL(Mus)	3.02	99.05	0	0
Other(Mus)	14.22	308.01	0	0
Total	98.17	2636.64		
SOLAR				
Total	3.59	86.03	0	0
Total	3.59	86.03		
Tata				
Trombay 5	10.67	251.97	484	314
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	59.39	119	113
Trombay 7B	1.63	36.68	69	67
Trombay 8	5.68	136.76	245	200
TATA Hydro	1.38	98.98	316	0
Total	22.17	583.79		
R-INFRA				
DTPS U-1&2	11.84	275.98	503	407
Total	11.84	275.98		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	147.27	3550.73	MSPGCL Total	168.31	4088.96
			MSPGCL Thml+Gas	154.80	3742.67	Koyna 1,2 & 4 Total	7.10	206.31
			MSPGCL Hydro	13.51	346.29	State Total	316.01	7850.14

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 25/Mar/2018

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	6179	351	427	6957	529	4259	0	0	5422	5675	-847	16573	0	16573	2262	18835	49.94
2	6188	227	429	6844	509	4078	0	0	5583	5630	-718	16343	0	16343	2090	18433	49.98
3	6116	201	430	6747	597	3990	0	0	5578	5287	-682	15939	0	15939	1959	17898	50.00
4	6082	206	431	6719	589	3994	0	0	5579	5243	-658	15887	0	15887	1861	17748	49.97
5	6076	202	417	6695	690	3992	0	0	5574	5346	-705	16018	0	16018	1820	17838	49.96
6	6098	304	425	6827	707	3999	0	0	5599	5701	-724	16510	0	16510	1858	18368	49.94
7	6163	745	326	7234	784	4108	0	2	5639	5880	-549	17459	0	17459	1892	19351	50.02
8	6216	630	305	7151	767	4110	0	79	5648	6059	-545	17621	0	17621	1940	19561	50.04
9	6223	214	292	6729	785	4044	0	208	5665	5243	-634	16375	0	16375	2048	18423	50.01
10	6217	255	275	6747	820	4005	0	352	5681	5626	-769	16781	0	16781	2195	18976	49.99
11	6167	344	278	6789	752	4053	0	446	5688	5686	-833	16893	0	16893	2293	19186	50.03
12	6111	1132	261	7504	576	4088	0	489	5918	6031	-839	17849	0	17849	2322	20171	49.99
13	6107	770	258	7135	383	4075	0	502	6270	6393	-840	17648	0	17648	2314	19962	50.00
14	6137	659	257	7053	289	4074	0	468	5993	6353	-821	17416	0	17416	2291	19707	50.01
15	6127	1303	266	7696	174	4110	0	435	5819	5985	-856	17544	0	17544	2346	19890	49.96
16	6122	1505	258	7885	159	4074	0	330	6065	6295	-865	17878	0	17878	2337	20215	49.99
17	6082	1603	263	7948	171	4099	0	201	5972	5961	-793	17587	0	17587	2273	19860	49.97
18	6073	680	274	7027	142	4129	0	77	5814	5782	-763	16394	0	16394	2218	18612	49.96
19	6098	349	267	6714	178	4046	0	2	5727	5223	-863	15300	0	15300	2238	17538	49.97
20	6053	516	278	6847	245	4116	0	0	5412	5234	-855	15587	0	15587	2387	17974	49.96
21	6064	362	268	6694	265	4208	0	0	5172	5020	-692	15495	0	15495	2420	17915	49.96
22	6146	340	281	6767	425	4204	0	0	5206	5043	-906	15533	0	15533	2406	17939	49.97
23	6220	338	294	6852	702	4188	0	0	5280	5176	-854	16064	0	16064	2430	18494	49.95
24	6204	275	274	6753	683	4128	0	0	5516	5108	-1043	15629	0	15629	2469	18098	49.97
MUs	147.27	13.51	7.53	168.31	11.92	98.17	0.00	3.59	135.82	134.98	-18.65	398.32	0.00	398.32	52.67	450.99	49.98

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Mar/2018

Position as on 6.30 Hrs of 26/Mar/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown.	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
CENT.SECTOR	Tarapur 2	160	26/12/2017	10.51		Continued.	AOH	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
MSPGCL	Uran Unit 6	108	11/02/2018	23.43		Continued.	Annual Overhaul	
FORCED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
IPP	Adani U-2	660	02/01/2018	15.26		Continued.	HPBP Bonnet leakage	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
IPP	Adani U-4	660	12/02/2018	07.24		Continued.	Governing valve abnormal sound(Out due to coal shortage w.e.f 20.02.2018, 18:00hrs)	
IPP	JSW (J) U1	300	20/02/2018	12.06		Continued.	Turbine Vibration high.	
IPP	RPL(AMT) U-3	270	27/02/2018	00.01		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 1	210	27/02/2018	18.00		Continued.	Poor Coal Receipt	
MSPGCL	Nasik Unit 3	210	01/03/2018	20.40		Continued.	Poor coal Receipt From 06.03.2018	
MSPGCL	Chandrapur Unit 7	500	10/03/2018	23.06		Continued.	Water Shortage From 12/03/2018	
IPP	RPL(AMT) U-5	270	24/03/2018	07.36		Continued.	ID Fan Problem	
CPP	SWPGL U-4	135	24/03/2018	21.09		Continued.	ID Fan Problem	
MSPGCL	Uran Unit 8	108	25/03/2018	06.25		Continued.	Thrust Bearing Tripped	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 26/Mar/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kV Solapur (PG)- Jeur from LOC 403
Wardha (PG)-Warora II	InterState	23/03/2018	08.40	25/03/2018	21.11	PO	765 power line crossing work.
Dhule Sar'Sarovar II	InterState	23/03/2018	20.59		Continued.	HT	Over Voltage
Dabhol Nagothane II	InterState	25/03/2018	12.22	25/03/2018	18.20	T	Distance Protection
Warora -IEPL	IntraState	23/03/2018	09.18	25/03/2018	21.04	PO	765 power line crossing work.
Khadka-Aurangabad (Waluj)	IntraState	23/03/2018	18.25	25/03/2018	11.07	HT	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	25/03/2018	09.49	25/03/2018	12.34	T	Distance Protection
404 Main Bay @ Akola	IntraState	25/03/2018	10.34	25/03/2018	13.57	EO	CBAIR PRESSURE PROBLEM.
Khadka-Aurangabad (Waluj)	IntraState	25/03/2018	18.21		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 kV 500 MVA ICT-III @ Kalwa	IntraState	25/03/2018	06.35	25/03/2018	17.07	PO	isolater overhauling work
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Borivali - Tarapur	InterState	25/03/2018	09.29	25/03/2018	13.25	PO	Line Maintenance work
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Kharghar-Borivali ckt II	IntraState	07/06/2017	12:23		Continued.	T	Distance Protection
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	'B'Phase CT Burst
Mumewadi -Halkarni II	IntraState	17/11/2017	10.00		Continued.	PO	Tower erection work (temporarily line would be Mumewadi-Tillari)
Halkarni - Tillari II	IntraState	17/11/2017	12.25		Continued.	PO	Tower erection work. (temporarily line would be Mumewadi-Tillari)
Kharghar-Borivali ckt I	IntraState	12/03/2018	10.00		Continued.	PO	Cable Termination work & Line Diverted To Siemenc.
Boisar II - Tarapur	IntraState	25/03/2018	09.09	25/03/2018	16.02	PO	Line Maintenance work
Urse-Chinchwad	IntraState	25/03/2018	10.16	25/03/2018	17.43	PO	Attending Hot Spot
Uran - Jnpt	IntraState	25/03/2018	12.35	25/03/2018	17.27	T	Distance Protection
Tata Borivli MSETCL Borivli 5	IntraState	25/03/2018	12.52	25/03/2018	14.56	T	Differential protection
Kalwa - Borivali	IntraState	25/03/2018	13.45	25/03/2018	18.19	PO	CT REPLACEMENT
Mahad-Kandalgaon	IntraState	25/03/2018	14.42	25/03/2018	15.45	T	Distance Protection
Adlabs - Pedambe	IntraState	25/03/2018	14.43	25/03/2018	17.50	T	Distance Protection
Dasturi-Kandalgaon Line	IntraState	25/03/2018	14.43	25/03/2018	15.30	T	Distance Protection
Kandalgaon - Koyna	IntraState	25/03/2018	14.44	25/03/2018	15.25	T	Distance Protection
Mahindra Vehicle-Bridgestone	IntraState	25/03/2018	17.00	25/03/2018	18.08	PO	REMOVING HANGING FLEX FROM LINE.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/66 Kv 150 Mva Ngef Ict 1 @Gadchandur	IntraState	04/03/2018	02.55		Continued.	T	Differential protection
220/33kv 125 Mva Transformer 2 @Aarey R/S	IntraState	25/03/2018	10.08	25/03/2018	19.26	PO	Routine Maintenance Work

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 25/Mar/2018

Statement-VII

Position as on 6.30 Hrs of 26/Mar/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
132 KV LINE Outages/Trippings							
Mansar Pench	InterState	25/03/2018	21.25		Continued.	T	Y-PHASE BUS P T BURST.
Kanhan-Mansar	IntraState	25/03/2018	21.25		Continued.	T	Y-PHASE BUS PT BRUST. 16 MW LOAD AFFECTED.